

**Rhode Island Precipitation**  
**National Weather Service Boston/Norton, MA**  
Preliminary Precipitation Data (inches) by Drought Region  
Past 12 to 36 months ending March 2023  
*Includes CoCoRaHS Data*

<b>RI 1-month March 2023</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	5.12	-0.09	98	5.21
Northeast	4.89	-0.02	100	4.91
Central West	5.94	0.86	117	5.08
Central East	5.01	-0.05	99	5.06
Eastern	4.47	-0.62	88	5.09
Southern	4.17	-1.06	80	5.23
New Shoreham	3.67	-1.45	72	5.12

<b>RI 2-month Feb 23-Mar 23</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	6.48	-2.64	71	9.12
Northeast	5.98	-2.61	70	8.59
Central West	7.16	-1.52	82	8.68
Central East	6.11	-2.42	72	8.53
Eastern	5.83	-2.77	68	8.60
Southern	5.50	-3.31	62	8.81
New Shoreham	4.70	-4.03	54	8.73

<b>RI 3-month Jan 22-Mar 23</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	13.78	0.17	101	13.61
Northeast	13.26	0.28	102	12.98
Central West	14.24	1.09	108	13.15
Central East	13.07	0.33	103	12.74
Eastern	12.81	0.30	102	12.51
Southern	12.59	-0.29	98	12.88
New Shoreham	13.96	1.11	109	12.85

<b>RI 6-month Oct 22-Mar 23</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	28.88	0.56	102	28.32
Northeast	26.90	-0.41	98	27.31
Central West	30.52	2.88	110	27.64
Central East	27.22	0.27	101	26.95
Eastern	26.91	1.22	105	25.69
Southern	24.40	-2.17	92	26.57
New Shoreham	25.42	-0.56	98	25.98

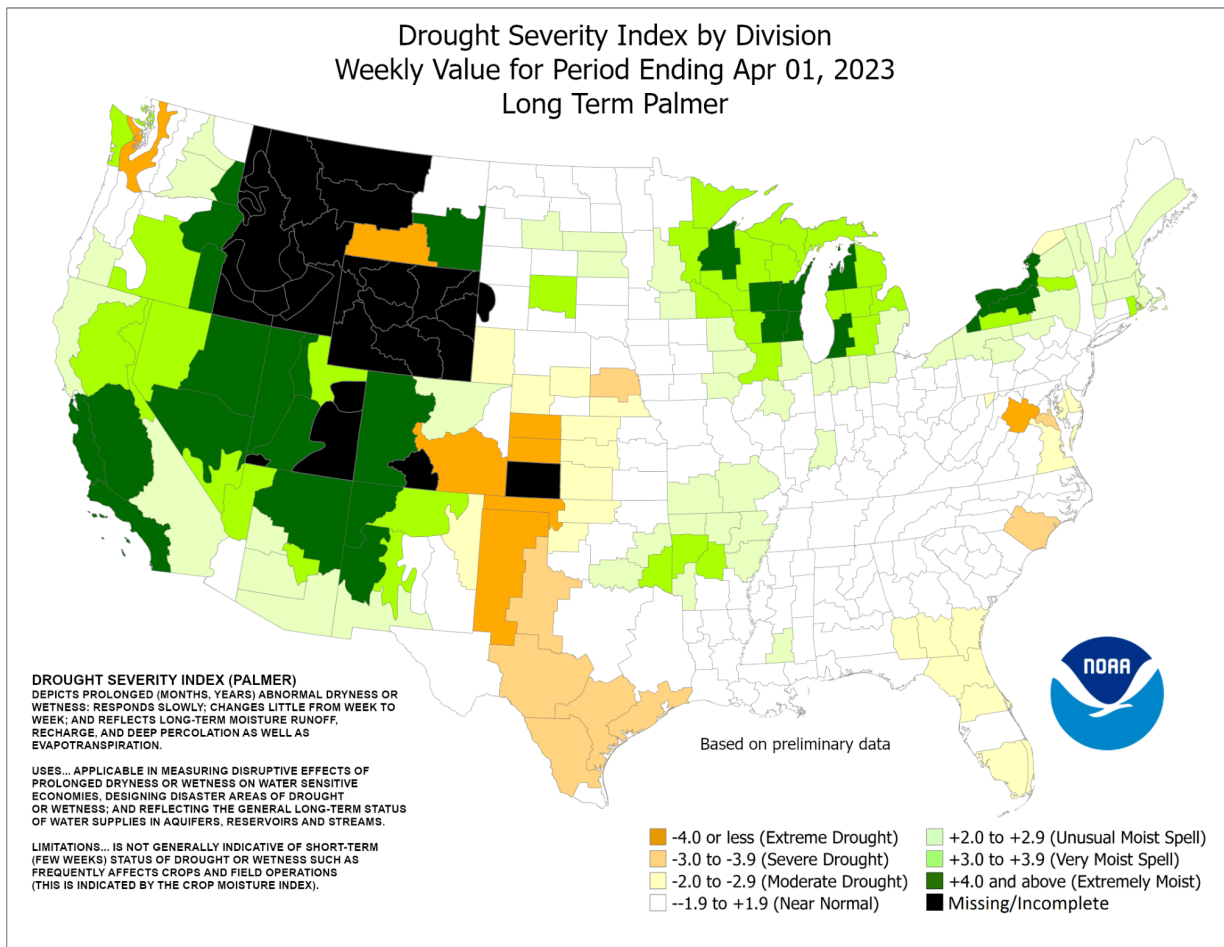
<b>RI 12-month Apr 22-Mar 23</b>	Rainfall	Departure	Percent	Normal
Northwest	53.92	0.14	100	53.78
Northeast	51.04	-0.62	99	51.66
Central West	51.61	0.84	102	50.77
Central East	48.60	-1.71	97	50.31
Eastern	45.15	-2.48	95	47.63
Southern	44.54	-5.39	89	49.93
New Shoreham	43.78	-4.62	90	48.40

<b>RI 24-month Apr 21-Mar 23</b>	Rainfall	Departure	Percent	Normal
Northwest	116.02	8.46	108	107.56
Northeast	110.33	7.01	107	103.32
Central West	107.23	5.69	106	101.54
Central East	102.00	1.38	101	100.62
Eastern	96.74	1.48	102	95.26
Southern	97.14	-2.72	97	99.86
New Shoreham	90.06	-6.74	93	96.80

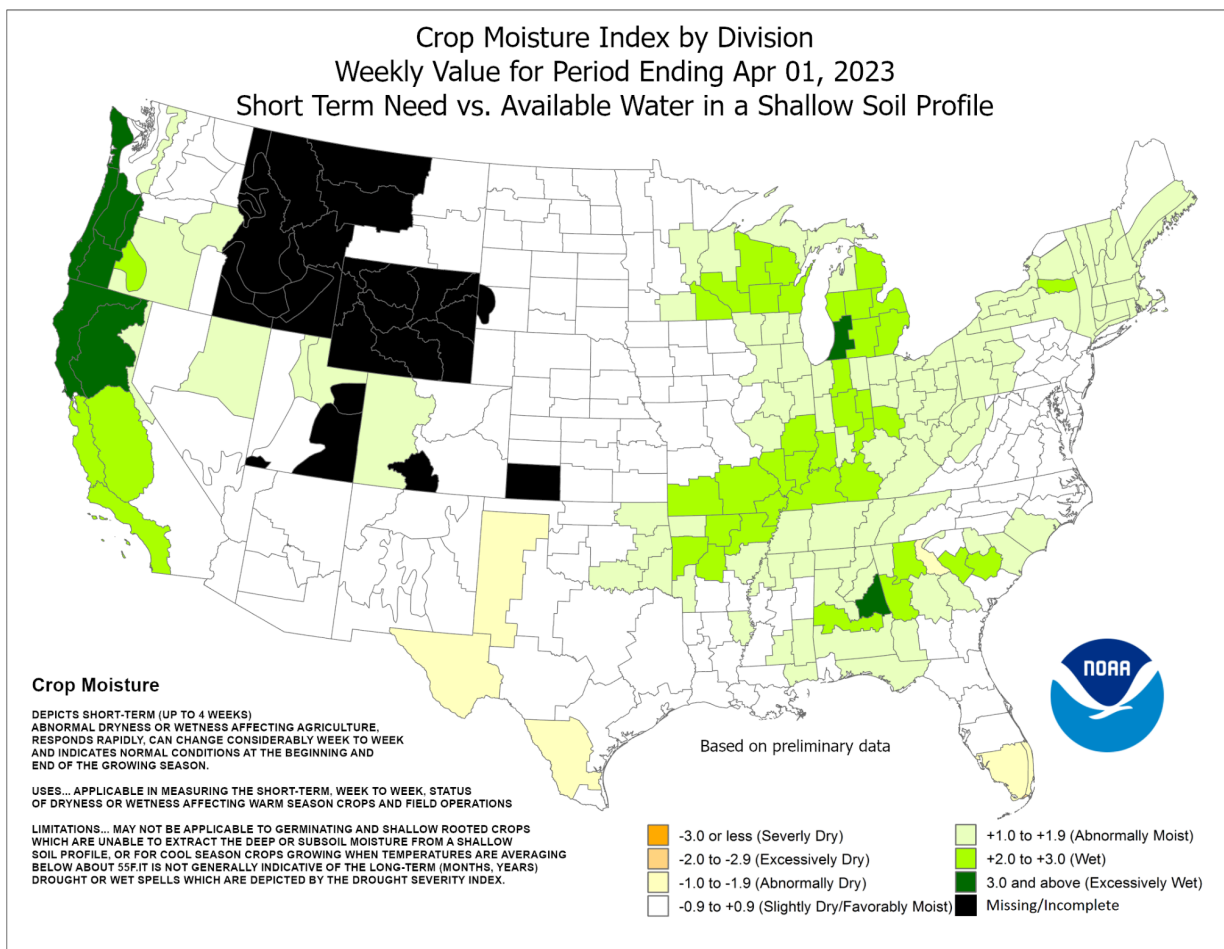
<b>RI 36-month Apr 20-Mar 23</b>	Rainfall	Departure	Percent	Normal
Northwest	162.74	1.40	101	161.34
Northeast	157.61	2.63	102	154.98
Central West	154.78	2.47	102	152.31
Central East	146.55	-4.38	97	150.93
Eastern	135.56	-7.33	95	142.89
Southern	143.30	-6.49	96	149.79
New Shoreham	137.15	-8.05	94	145.20

<b>RI 4-month Dec 22-Mar 23</b>	Rainfall	Departure	Percent	Normal
Northwest	21.12	2.28	112	18.84
Northeast	19.50	1.50	108	18.00
Central West	22.04	3.63	120	18.41
Central East	19.20	1.41	108	17.79
Eastern	19.19	2.10	112	17.09
Southern	17.17	-0.68	96	17.85
New Shoreham	17.16	-0.31	98	17.47

<b>RI 5-month Nov 22-Mar 23</b>	Rainfall	Departure	Percent	Normal
Northwest	24.05	0.72	103	23.33
Northeast	22.08	-0.19	99	22.27
Central West	24.76	1.98	109	22.78
Central East	21.82	-0.33	99	22.15
Eastern	21.79	0.55	103	21.24
Southern	19.26	-2.76	87	22.02
New Shoreham	19.66	-1.55	93	21.21



Map 1: Palmer Drought Index from the Climate Prediction Center, NOAA, dated 04/01/2023.  
RI CMI indicates +3.17, Very Moist Spell.



Map 2: Crop Moisture Index from the Climate Prediction Center, NOAA, dated 04/01/2023.  
**RI CMI indicates +1.71, Abnormally Moist**

# U.S. Drought Monitor Rhode Island

**March 28, 2023**  
(Released Thursday, Mar. 30, 2023)  
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	100.00	0.00	0.00	0.00	0.00	0.00
<b>Last Week</b> 03-21-2023	100.00	0.00	0.00	0.00	0.00	0.00
<b>3 Months Ago</b> 12-27-2022	100.00	0.00	0.00	0.00	0.00	0.00
<b>Start of Calendar Year</b> 01-03-2023	100.00	0.00	0.00	0.00	0.00	0.00
<b>Start of Water Year</b> 09-27-2022	0.00	100.00	71.50	0.00	0.00	0.00
<b>One Year Ago</b> 03-29-2022	100.00	0.00	0.00	0.00	0.00	0.00

## Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions.  
Local conditions may vary. For more information on the  
Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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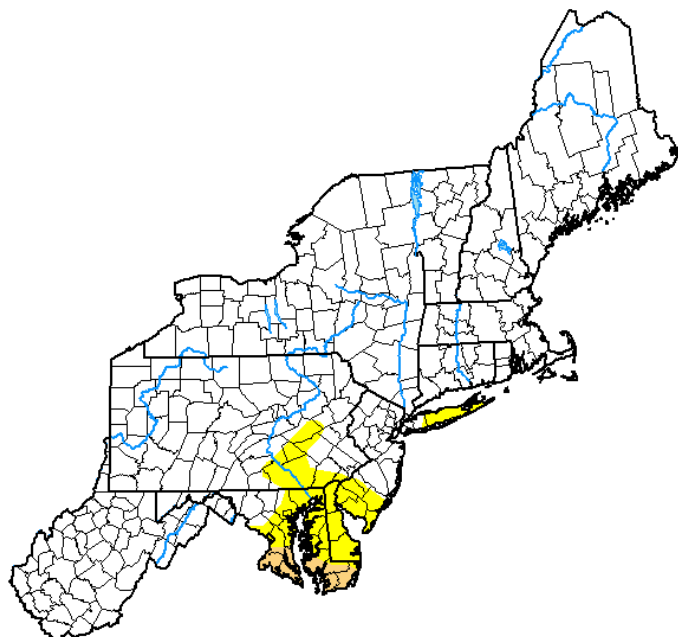


[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

Map 3. US Drought Monitor for Rhode Island. valid 3/28/2023.

# U.S. Drought Monitor Northeast

**March 28, 2023**  
(Released Thursday, Mar. 30, 2023)  
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	92.34	7.66	1.30	0.00	0.00	0.00
<b>Last Week</b> 03-21-2023	95.91	4.09	0.00	0.00	0.00	0.00
<b>3 Months Ago</b> 12-27-2022	90.59	9.41	0.21	0.00	0.00	0.00
<b>Start of Calendar Year</b> 01-03-2023	90.64	9.36	0.21	0.00	0.00	0.00
<b>Start of Water Year</b> 09-27-2022	69.23	30.77	12.95	3.83	0.14	0.00
<b>One Year Ago</b> 03-29-2022	71.90	28.10	3.13	0.67	0.00	0.00

## Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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Map 4. US Drought Monitor for the Northeast US, valid 3/28/23